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Baker Botts L			SIMITOSKI, MICHAEL J		
2001 Ross Avenue Dallas, TX 75201-2980			ART UNIT	PAPER NUMBER	
•				2134	4
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Please find below and/or attached an Office communication concerning this application or proceeding.

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		Application No.	Applicant(s)			
		09/655,256	MINNIG ET AL.			
	Office Action Summary	Examiner	Art Unit			
		Michael J Simitoski	2134			
Period fo	The MAILING DATE of this communication apr Reply	ppears on the cover sheet with the c	correspondence address			
THE N - Exten after S - If the - If NO - Failur Any re	DRTENED STATUTORY PERIOD FOR REP MAILING DATE OF THIS COMMUNICATION sions of time may be available under the provisions of 37 CFR 1 SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a reperiod for reply is specified above, the maximum statutory perioe to reply within the set or extended period for reply will, by statuely received by the Office later than three months after the mailed patent term adjustment. See 37 CFR 1.704(b).	I. 136(a). In no event, however, may a reply be tirely within the statutory minimum of thirty (30) day d will apply and will expire SIX (6) MONTHS from the cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. (1) (35 U.S.C.§ 133).			
Status						
1)⊠	Responsive to communication(s) filed on <u>05</u>	September 2000.				
2a) <u></u> □	This action is FINAL . 2b)⊠ Th	is action is non-final.				
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Dispositi	on of Claims					
5)□ 6)⊠ 7)□	Claim(s) <u>1-21</u> is/are pending in the application 4a) Of the above claim(s) is/are withdromorphic Claim(s) is/are allowed. Claim(s) <u>1-21</u> is/are rejected. Claim(s) <u>3,8,13 and 18-20</u> is/are objected to claim(s) are subject to restriction and	rawn from consideration.				
Applicati	on Papers					
10)⊠	The specification is objected to by the Examination The drawing(s) filed on <u>05 September 2000</u> is Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct the oath or declaration is objected to by the 1	s/are: a)⊠ accepted or b)□ object the drawing(s) be held in abeyance. Se the ection is required if the drawing(s) is ob	e 37 CFR 1.85(a). ojected to. See 37 CFR 1.121(d).			
Priority u	inder 35 U.S.C. § 119					
a)[Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume application from the International Bure see the attached detailed Office action for a limit	nts have been received. nts have been received in Applicat iority documents have been receiv eau (PCT Rule 17.2(a)).	ion No ed in this National Stage			
Attachment	t(s)		PRIMARY EXAMINER			
1) Notic	e of References Cited (PTO-892)	4) Interview Summary				
3) 🛛 Inform	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/0 r No(s)/Mail Date <u>2</u> .	Paper No(s)/Mail D 5) Notice of Informal I 6) Other:	ate Patent Application (PTO-152)			

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DETAILED ACTION

- 1. The IDS of 6/19/02 was received and considered.
- 2. Claims 1-21 are pending.

Claim Objections

- 3. Claims 3, 18, 13 & 18-20 are objected to because of the following informalities:
 - a. Regarding claim 3, "a network address" (line 22) is believed to be "a network address translator" and will be treated accordingly.
 - b. Regarding claim 8, "client of Claim 2" (line 19) is believed to be "client of Claim7" and will be treated accordingly.
 - c. Regarding claim 13, "the heading" (line 8) is believed to be "the header" and will be treated accordingly.
 - d. Regarding claims 18 & 19, the claims are believed to depend from claim 17 rather than claim 16, and will be treated accordingly.
 - e. Regarding claim 20, "the first end port" (line 20) should be replaced with "the first end point" and will be treated accordingly.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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- 5. Claim 1 recites the limitations "the client" in line 5. There is insufficient antecedent basis for this limitation in the claim.
- 6. Claim 3 recites the limitations "the network address translator" in lines 22-23. There is insufficient antecedent basis for this limitation in the claim.
- 7. Claim 6 recites the limitations "the server" in line 3 and "the external IP addresses" in lines 11-12. There is insufficient antecedent basis for these limitations in the claim.
- 8. Claim 9 recites the limitation "the communication session". There is insufficient antecedent basis for this limitation in the claim.
- 9. Claim 12 recites the limitations "the server" in line 16 and "the client" in line 16. There is insufficient antecedent basis for these limitations in the claim.
- 10. Claim 14 recites the limitation "the client external IP address" in lines 14 & 18. There is insufficient antecedent basis for this limitation in the claim.
- Claim 14 is rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential steps, such omission amounting to a gap between the steps. See MPEP § 2172.01. The omitted steps are: the readdressing of the client internal IP address with the client external IP address.
- 12. Claim 16 recites the limitation "the server internal IP address in line 30. There is insufficient antecedent basis for this limitation in the claim.

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13. Claim 17 recites the limitations "the server internal IP address" in lines 8-9 and "the server external IP address" in line 13. There is insufficient antecedent basis for these limitations in the claim.

- 14. Claim 19 recites the limitation "the client internal IP address" in line 29. There is insufficient antecedent basis for this limitation in the claim.
- 15. Claim 20 recites the limitation "the client internal IP address" in line 29. There is insufficient antecedent basis for this limitation in the claim.
- 16. Claim 20 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claim is indefinite as to whether "a control channel" (line 4) is the same control channel as referred to in line 17. If the two are the same channel, line 17 should include "the control channel" in place of "a control channel". For the purposes of this Office Action, line 17 will be read as "external network in the control channel;".
- 17. Claim 21 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear how a "signal", "computer storage medium" and "modified dual channel command" are related. A computer storage medium is an apparatus where a command is performed in a method.

Claim Rejections - 35 USC § 101

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18. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

19. Claim 21 is rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The subject matter being claimed is a "signal" which is none of a process, machine, manufacture or composition of matter.

Claim Rejections - 35 USC § 102

20. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 21. Claim 14 is rejected under 35 U.S.C. 102(b) as being anticipated by "Distributed Network Access Translation" by Borella et al. (Borella). Borella discloses encoding a port command including a client internal IP address/Src of outer header and client port number/Src port (page 15, first Fig.), generating a dual channel communication packet having a header and a data payload (page 15) with a server external IP address/Des of inner header, server port number/Dst port, client internal IP address/Src in outer header and client port number/Src port (page 15). The packet is sent to the server and the port command is decoded/read (page 15). Borella discloses modifying the decoded port command by overriding the client internal IP address/Src in outer header with the client external IP address/Src in inner header and establishing a data socket (data flow) between the server and the client (page 15).

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Claim Rejections - 35 USC § 103

22. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 23. Claims 1-4, 6-9 & 17-20, as best understood, are rejected under 35 U.S.C. 103(a) as being unpatentable over Network Security Essentials, Applications and Standards by Stallings in view of "The IP Network Address Translator (NAT)" by Egevang et al. (Egevang) in view of "IP Security and NAT: Oil and Water?" by Phifer in further view of "Firewall-Friendly FTP" (RFC 1579) by Bellovin.

Regarding claims 1 & 3, Stallings discloses a communication packet having a header/outer header and a data payload/original packet, the data payload including a port command/original packet including a client internal IP address/source address (page 179, Fig. 6.9(b) & page 180) and a client port number/port (contained in an TCP/IP header) and a header/outer and inner packet (page 179). Stallings further discloses decoding the port command/original packet (page 180, step 3). Stallings lacks a header having a client external IP address and a translation module operable to retrieve the client external IP address from the header and to generate a modified port command including the external IP address, where the server is operable to establish a second channel based on the modified port command. However, Egevang teaches a protocol (NAT) to reduce IP address depletion (page 1) (NAT is commonly used today and is incorporated with routers, as in Fig. 2). NAT states that when sending a packet from a source behind a router (Stub A) to a destination behind another router (Stub B), a packet

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will contain Stub A's internal address and Stub B's global address (Fig. 2). Stub A's local address will be readdressed to the global address at Stub A's router and sent to Stub B's global address (Fig. 2). At Stub B's router, the destination address will be replaced with Stub B's internal address and forwarded to stub B and a similar method is used in the reverse direction (Fig. 2 and page 3). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of Stallings and Egevang to use IPSec with NAT and route the packet according to the same transformations as occurred between Stubs A and B. One of ordinary skill in the art would have been motivated to perform such a modification because NAT is known to reduce the problems associated with IP address depletion (page 1) and because a skilled artisan in network architecture knows of NAT's widespread use and acceptance. In combination, a client external IP address (translated at the stub router from the internal address) is included in the header. Further, Phifer teaches that to avoid problems with locating endpoints in IPSec, one can perform network address translation outside IPSec (page 2). In doing so, the inner packet's internal client address is replaced with the client's external address (page 2). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to decode the port command and replace the client internal IP address with the client external IP address found in the header (NAT translating outside IPSec). One of ordinary skill in the art would have been motivated to perform such a modification to avoid problems with locating endpoints in IPSec, as taught by Phifer (page 2). Stallings, as modified above, lacks a second channel being established and lacks specifically a server performing the functions. However, Bellovin teaches that FTP uses two channels, a control channel and a data channel where the control channel is used to negotiate the connection

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and the data channel uses that second connection to transfer data (pages 1-2). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to enable an FTP server to perform the functions described above and to establish a second connection based on the modified port command. One of ordinary skill in the art would have been motivated to perform such a modification to support the well-known FTP protocol, as taught by Bellovin (pages 1-2).

Regarding claim 2, the examiner takes Official Notice that packet filters (hardware and software) are old and well established in the art of computer security as a method of preventing potentially harmful traffic from entering a network. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a packet filtering server firewall in the server. One of ordinary skill in the art would have been motivated to perform such a modification to prevent potentially harmful traffic from entering the server. This advantage is well known to those skilled in the art.

Regarding claim 4, Stallings, as modified above, discloses FTP communication conducted over a secure tunnel (Stallings, page 179 & Egevang, pages 1-10).

Regarding claim 6-9, the claims are substantially equivalent to claims 1-4, respectively.

Therefore, claims 6-9 are rejected under similar rationale.

Regarding claim 17, Stallings discloses encoding a port command/original packet including a client internal IP address/source address (page 179, Fig. 6.9(b)) and a client port number/port (contained in an TCP/IP header), generating a communication packet having a header/outer header and a data payload/original packet, the data payload including the encoded port command/original packet (Fig. 6.9(b)), transmitting the packet between a server/destination

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and the client/source (page 180), decoding the port command/original packet (page 180, step 3) and establishing a data socket (data flow) between the server/destination and the client/source (page 180, step 3). The header includes a server external IP address/destination firewall address and a server port (TCP header) and a client internal IP address/source address and port (TCP header) (pages 180-181). Stallings lacks explicitly overriding the client internal IP address/source address within the decoded port command/original packet with the client external IP address retrieved from the header. However, Egevang teaches a protocol (NAT) to reduce IP address depletion (page 1) (NAT is commonly used today and is incorporated with routers, as in Fig. 2). NAT states that when sending a packet from a source behind a router (Stub A) to a destination behind another router (Stub B), a packet will contain Stub A's internal address and Stub B's global address (Fig. 2). Stub A's local address will be readdressed to the global address at Stub A's router and sent to Stub B's global address (Fig. 2). At Stub B's router, the destination address will be replaced with Stub B's internal address and forwarded to stub B and a similar method is used in the reverse direction (Fig. 2 and page 3). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of Stallings and Egevang to use IPSec with NAT and route the packet according to the same transformations as occurred between Stubs A and B. One of ordinary skill in the art would have been motivated to perform such a modification because NAT is known to reduce the problems associated with IP address depletion (page 1) and because a skilled artisan in network architecture knows of NAT's widespread use and acceptance. Further, Phifer teaches that to avoid problems with locating endpoints in IPSec, one can perform network address translation outside IPSec (page 2). In doing so, the inner packet's internal client address is

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replaced with the client's external address. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to decode the port command and replace the client internal IP address with the client external IP address (NAT translating outside IPSec). One of ordinary skill in the art would have been motivated to perform such a modification to avoid problems with locating endpoints in IPSec, as taught by Phifer (page 2). As modified, Stallings lacks "transmitting a passive command to the server". However, Bellovin teaches that using the PASV (passive command) to initiate an FTP session reduces problems associated with FTP through firewalls (page 1). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to transmit a passive command/PASV to the server. One of ordinary skill in the art would have been motivated to perform such a modification to reduce problems associated with FTP communication through firewalls, as taught by Bellovin (page 1).

Regarding claims 18 & 19, Stallings, as modified above, discloses readdressing the client internal IP address within the header with the client external IP address at a client firewall and readdressing the server external IP address within the header with the server internal IP address at a server firewall (Stallings, page 183, Fig. 6.10(b) & Egevang, page 3).

Regarding claim 20, Stallings discloses establishing a channel between a server and a client (page 183, Fig. 6.10(b)), identifying a first end point/inner packet at a first one of a server and a client (two hosts), the first end point including a first portion/destination and a second portion/source (page 180), encoding the first end point in a secure format (encapsulate with new IP header) (page 180), transmitting the transmission packet over the external network in the channel (page 180, step 2) and receiving the transmission packet at the other client or server

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(page 180, step 3). Stallings lacks explicitly translating the private address in the address header into a public address for transmitting over the external network. However, Egevang teaches a protocol (NAT) to reduce IP address depletion (page 1) (NAT is commonly used today and is incorporated with routers, as in Fig. 2). Egevang teaches that when sending the data packet, the private address must be translated to a global address (Fig. 2). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to translate the private address to a public/global address. One of ordinary skill in the art would have been motivated to perform such a modification to use network address translation to use a private (non-globally routable) IP address and hence reduce IP address depletion, as taught by Egevang (pages 1-3). As modified, Stallings lacks modifying the end point by replacing the first portion in the decoded end point with the public address in the address header. However, Phifer teaches that to avoid problems with locating endpoints in IPSec, one can perform network address translation outside IPSec (page 2). In doing so, the inner packet's internal client address is replaced with the client's external address. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to replace the first portion with the public address in the address header. One of ordinary skill in the art would have been motivated to perform such a modification to avoid problems with locating endpoints in IPSec, as taught by Phifer (page 2). As modified, Stallings lacks the initial channel being a control channel and establishing a data channel between the client and the server using the modified end point. However, Bellovin teaches that FTP uses two channels, a control channel and a data channel where the control channel is used to negotiate the connection and the data channel uses that second connection to transfer data (pages 1-2). Therefore, it would have been obvious to one

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having ordinary skill in the art at the time the invention was made to enable an FTP server to perform the functions described above and to establish a second connection based on the modified port command. One of ordinary skill in the art would have been motivated to perform such a modification to support the well-known FTP protocol, as taught by Bellovin (pages 1-2).

24. Claims 5 & 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stallings, Egevang, Phifer and Bellovin, as applied to claims 1 & 6 above, in further view of "SMTP Service Extension for Secure SMTP over TLS" (RFC 2487) by Hoffman.

Regarding claim 5, Stallings, as modified above, lacks SSL encryption technology as the codec. However, Hoffman teaches that SSL is a popular mechanism for enhancing TCP communications with privacy and authentication (page 1). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to choose SSL encryption technology to encrypt the port command/inner header. One of ordinary skill in the art would have been motivated to perform such a modification to enhance communications with privacy (encryption), as taught by Hoffman (page 1).

Claim 10 is substantially equivalent to claim 5. Therefore, claim 10 is rejected under similar rationale.

25. Claims 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stallings, Egevang and Phifer.

Regarding claim 14, Stallings discloses encoding a port command/original packet including a client internal IP address/source address (page 179, Fig. 6.9(b)) and a client port

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number/port (contained in an TCP/IP header), generating a communication packet having a header/outer header and a data payload/original packet, the data payload including the encoded port command/original packet (Fig. 6.9(b)), transmitting the packet between a server/destination and the client/source (page 180), decoding the port command/original packet (page 180, step 3) and establishing a data socket (data flow) between the server/destination and the client/source (page 180, step 3). The header includes a server external IP address/destination firewall address and a server port (TCP header) and a client internal IP address/source address and port (TCP header) (pages 180-181). Stallings lacks explicitly overriding the client internal IP address/source address within the decoded port command/original packet with the client external IP address retrieved from the header. However, Egevang teaches a protocol (NAT) to reduce IP address depletion (page 1) (NAT is commonly used today and is incorporated with routers, as in Fig. 2). NAT states that when sending a packet from a source behind a router (Stub A) to a destination behind another router (Stub B), a packet will contain Stub A's internal address and Stub B's global address (Fig. 2). Stub A's local address will be readdressed to the global address at Stub A's router and sent to Stub B's global address (Fig. 2). At Stub B's router, the destination address will be replaced with Stub B's internal address and forwarded to stub B and a similar method is used in the reverse direction (Fig. 2 and page 3). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of Stallings and Egevang to use IPSec with NAT and route the packet according to the same transformations as occurred between Stubs A and B. One of ordinary skill in the art would have been motivated to perform such a modification because NAT is known to reduce the problems associated with IP address depletion (page 1) and because a skilled artisan

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in network architecture knows of NAT's widespread use and acceptance. Further, Phifer teaches that to avoid problems with locating endpoints in IPSec, one can perform network address translation outside IPSec (page 2). In doing so, the inner packet's internal client address is replaced with the client's external address. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to decode the port command and replace the client internal IP address with the client external IP address (NAT translating outside IPSec). One of ordinary skill in the art would have been motivated to perform such a modification to avoid problems with locating endpoints in IPSec, as taught by Phifer (page 2).

Regarding claims 15 & 16, Stallings, as modified above, discloses readdressing the client internal IP address within the header with the client external IP address at a client firewall and readdressing the server external IP address within the header with the server internal IP address at a server firewall (Stallings, page 183, Fig. 6.10(b) & Egevang, page 3).

26. Claims 11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Borella in view of "Unicast Routing Overview" by Microsoft.

Regarding claim 11, Borella discloses a packet being sent (outbound) and received (inbound) (pages 15-16). The inner IP header shows that when sending a packet from PC2 (10.0.0.2) to its router (10.0.0.1), the outbound packet contains 10.0.0.2 as the source address and 10.0.0.1 as the destination address (page 15). Similarly, when the packet is returned from the router to PC2, the inbound packet contains 10.0.0.1 as the source address and 10.0.0.2 as the destination address (page 16). The ports are addressed in the same reversible manner, depending on whether the packet is inbound or outbound (pages 15-16). Microsoft teaches that unicast

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routing consists of determining a destination address and transmitting an IP packet from a host to a destination based on that destination address (page 1). Therefore, during any receive/reply TCP/IP transaction, a receiver/second peer receives a packet from a sender/first peer including a header/IP header and a port command/packet with TCP ports encoded therein. Upon replying to the sender (response), a modified port command is created including a first peer IP address/source IP in place of the second peer IP address/destination IP (swapping source and destination IP addresses and ports) and a connection is established between the first and second peers (data sent from original receiver to original sender). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use the unicast routing, as taught by Microsoft (page 1) to accomplish a receive/reply (standard TCP/IP transaction) as taught by Borella. One of ordinary skill in the art would have been motivated to perform such a modification to transfer data from a source to a destination, as taught by Microsoft (page 1).

Regarding claims 12 & 13, the claims are substantially equivalent to claim 11.

Therefore, claims 12 & 13 are rejected under similar rationale.

Conclusion

- 27. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
 - a. <u>TCP/IP Illustrated</u>, <u>Volume 1: The Protocols</u> by Stevens teaches that an IP header includes a source and destination address and a TCP header (encoded into the IP header) includes source and destination port numbers (page 1).

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- b. The non-patent literature references by Kent (RFC 1827 & RFC 2401), O'Guin, Herscovitz and Srisuresh (RFC 2709) are cited for teaching IPSec and it's implementation and VPNs.
- c. The non-patent literature references to Srisuresh (RFC 2663 & "Security for IP Network Address Translator (NAT) Domains) and Tsirtsis et al. are cited for teaching NAT and its implementations regarding end-to-end security.
- d. The non-patent literature reference to Allman is cited for teaching FTP implementation issues regarding NAT.
- e. The U.S. patent references are cited for teaching network address translation used with TCP/IP security and tunneling, and in particular to including coded representations of ports/addresses in packets.
- f. Patent EP 0 909 074 A1 was cited for teaching the use of firewalls with tunneling and IPSec.
- f. The non-patent references to Aboba, Briggs and Huttunen are cited for teaching compatibility issues with NAT, FTP and IPSec and "UPD encapsulation" (doing NAT translation on incoming packets).
- 28. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Simitoski whose telephone number is (703)305-8191. The examiner can normally be reached on Monday Thursday, 6:45 a.m. 4:15 p.m.. The examiner can also be reached on alternate Fridays from 6:45 a.m. 3:15 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (703)308-4789.

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Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, DC 20231

Or faxed to:

(703)746-7239 (for formal communications intended for entry)

Or:

(703)746-7240 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA 22202, Fourth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9000.

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MJS

April 19, 2004

NORMAN'M WRIGHT PRIMARY EXAMINER